

DERWENT-ACC-NO: 1993-056468

DERWENT-WEEK: 199307

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TITLE: Black crosslinked resin compsn. for insulation cables - contains polyethylene@ resin, crosslinking agent, carbon@ black, antioxidant, wax and surfactant

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PRIORITY-DATA: 1989KR-0007873 (June 8, 1989)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
KR 9204784 B	June 15, 1992	N/A	000	C08L 023/06

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
KR 9204784B	N/A	1989KR-0007873	June 8, 1989

INT-CL (IPC): C08L023/06

ABSTRACTED-PUB-NO: KR 9204784B

BASIC-ABSTRACT:

The black crosslinked resin composition for an insulating cable comprises; 100 wt. pts. of polyethylene as a base resin; 0.5-3.0 wt. pts. of a crosslinking agent; 0.3-0.8 wt. pts. of carbon black; 0.1-0.8 wt. pts. of antioxidant; 0.2-0.8 wt. pts. of wax; and 0.003-0.08 wt. pts. of a surface treating agent. Pref. the carbon black has 90-110 m²/g of the surface area, 20-30 nm of particle size, 0.010-0.016 g/cm² of the density and pH 4.0. Pref. the base resin is polyolefin resin contg. olefin as main component.



TITLE-TERMS: BLACK CROSSLINK RESIN COMPOSITION INSULATE CABLE
CONTAIN

POLYETHYLENE@ RESIN CROSSLINK AGENT CARBON@ BLACK
ANTIOXIDANT WAX
SURFACTANT

DERWENT-CLASS: A17 A85 E36

CPI-CODES: A04-G02E4; A08-A06; A08-C01; A08-E02; A08-S01; A12-E02A; E31-N04D;

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